11-30-05

Express Mail Label No.: EV695511391US Date of Deposit: November 29, 2005

Attorney Docket No. 22596-537 COM

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS:

Jiang et al.

SERIAL NUMBER:

10/810,260

EXAMINER: Deborah C. Lambkin

FILING DATE: March 26, 2004

**ART UNIT: 1626** 

FOR: NOVEL LAPACHONE COMPOUNDS AND METHODS OF USE THEREOF

Commissioner for Patents P. O. Box 1450 Alexandria, VA 22313-1450

#### TRANSMITTAL LETTER

Transmitted herewith for filing in the above-referenced patent application are the following documents:

- 1. Petition for Correction of Inventorship under 37 CFR § 1.48(a)(1) (1 pg.);
- 2. Statement of Inventors to be Added in Connection with Petition for Correction of Inventorship under 37 CFR § 1.48(a)(2) (3 pgs.);
- 3. Executed Combined Declaration and Power of Attorney under 37 CFR § 1.48(a)(3) (4 counterparts, 16 pgs. total);
- 4. Check No. 21565 in the amount of \$130.00 under 37 CFR § 1.48(a)(4)
- 5. Written Consent of Assignee to Correction of Inventorship under 37 CFR § 1.48(a)(5) (1 pg.); and
- 6. Return postcard.

The Commissioner is authorized to charge any additional fees that may be due, or to credit any overpayment, to the undersigned's account, Deposit Account No. 50-0311, Ref. No. 22596-537 CON. A duplicate copy of this transmittal letter is enclosed herewith.

If the enclosed papers are considered incomplete, the Mail Room and/or the Application Branch is respectfully requested to contact the undersigned at 617-542-6000, Boston, Massachusetts.

Respectfully submitted,

Ivor R. Elrifi, Reg. No. 39,529

Matthew Pavao, Reg. No. 50,572 Attorney/Agent for Applicant

c/o MINTZ, LEVIN

Tel: (617) 542-6000 Fax: (617) 542-2241

Customer No.: 30623

TRA 2028506v1

Dated: November 29, 2005

Express Mail Label No.: EV695511391US

Date of Deposit: November 29, 2005

Attorney Docket No. 22596-537 CON

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Jiang et al.

EXAMINER: Deborah C. Lambkin SERIAL NUMBER: 10/810,260

FILING DATE: March 26, 2004 **ART UNIT: 1626** 

FOR: NOVEL LAPACHONE COMPOUNDS AND METHODS OF USE THEREOF

Commissioner for Patents P. O. Box 1450 Alexandria, VA 22313-1450

#### PETITION FOR CORRECTION OF INVENTORSHIP

Pursuant to 37 C.F.R. § 1.48(a), Applicants hereby petition for a correction of inventorship of the above-identified application (U.S.S.N. 10/810,260, filed March 26, 2004). The application was filed with Zhiwei Jiang, Dasharatha Reddy, Samuel Ackerman and June Salvesen as inventors. The correct inventors on this application are Zhiwei Jiang, Dasharatha Reddy, Samuel Ackerman, June Salvesen, Chiang Li, Youzhi Li and Xiangao Sun.

Applicants hereby petition under 37 CFR § 1.48(a)(1) to add Chiang Li, Youzhi Li and Xiangao Sun as inventors. Enclosed are statements from each inventor being added stating that the inventorship error occurred without deceptive intention on the part of the omitted inventors as required by 37 CFR § 1.48(a)(2). Enclosed is an executed combined Oath/Declaration by the actual inventors as required by 37 CFR § 1.48(a)(3) and written consent of the Assignee as required by 37 CFR § 1.48(a)(5) Also enclosed is a check in the amount of \$130.00 as set forth in 37 C.F.R. § 1.17(i) and as required by 37 CFR § 1.48(a)(4).

Please charge any additional fees that may be due, or credit any overpayment of same, to Deposit Account No. 50-0311; Attorney Reference No. 22596-537 CON. A duplicate copy of this Petition is enclosed.

12/01/2005 BABRAHA1 00000084 10810260

01 FC:1464

130.00 OP

Ivor R. Elrifi, Reg. No. 39,529 Matthew Pavao, Reg. No. 50,572

Attorney/Agent for Applicant

c/o MINTZ, LEVIN Tel: (617) 542-6000

Fax: (617) 542-2241 Customer No.: 30623

Respectfully submitted

TRA 2028509v1

Dated: November 29, 2005

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PLICANTS:

Jiang et al.

SERIAL NUMBER:

NOV 2 9 2005

10/810,260

EXAMINER: Deborah C. Lambkin

FILING DATE: March 26, 2004

**ART UNIT: 1626** 

FOR: NOVEL LAPACHONE COMPOUNDS AND METHODS OF USE THEREOF

Commissioner for Patents

P. O. Box 1450

Alexandria, VA 22313-1450

### STATEMENT OF INVENTOR TO BE ADDED IN CONNECTION WITH PETITION FOR CORRECTION OF INVENTORSHIP

Pursuant to 37 C.F.R. §1.48(a)(2) the undersigned hereby states that the error in naming the inventors in the above-referenced application occurred without deceptive intention.

Respectfully submitted,

Inventor's Signature

Full Name of Inventor: Chiang Li

Citizenship: Peoples Republic of China

Residence: 61 Gardner St., West Roxbury, MA 02132

Post Office Address: Same

5/9/05 Date

4/21/05

Inventor's Signature
Full Name of Inventor: Youzhi Li Citizenship: Peoples Republic of China

Residence: 159 Bridge Street, Dedham, MA 02026

Post Office Address: Same

Inventor's Signature

Full Name of Inventor: Xiangao Sun Citizenship: Peoples Republic of China

Residence: 20 Cameron Street, #302, Brookline, MA 02445

Post Office Address: Same



## COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a utility patent is sought on the invention entitled:

### NOVEL LAPACHONE COMPOUNDS AND METHODS OF USE THEREOF

The specification of which was filed on March 26, 2004 with the United States Patent and Trademark Office, assigned United States Serial No. 10/810,260 and bearing Attorney Docket No. 22596-537 CON.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information, which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

Appln.	Country	Filing Date	Priority Claimed	
Number	(if PCT, so indicate)	(dd/mm/yy)	Yes	No

I hereby claim the benefit under Title 35, United States Code, § 119(e) or §120 of any United States application(s), or §365(c) of any PCT International application(s) designating the United States of America listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

(Patented, Pending, Abandoned)
Abandoned

PCT International Applications designating the United States:

PCT International Application No.	PCT Filing Date	Status
PCT/US03/37219	11/18/03	Pending

I hereby appoint the attorneys and/or agents associated with Mintz Levin Cohn Ferris Glovsky & Popeo, Customer Number 30623 to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Please address all telephone calls to <u>Ivor R. Elrifi</u> at telephone number 617/348-1747. Please address all correspondence to Customer Number 30623.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or patent issued thereon.

21/

Inventor's Signature: Zhiwei Jiang Full Name of Inventor: Zhiwei Jiang

Citizenship: United States

Residence: 1 Brian Circle, Grafton, Massachusetts 01519

Inventor's Signature: Dasharatha Reddy
Citizenship: India
Residence: 11C Railroad Street, Acton, Massachusetts 01720
Post Office Address: Same

Inventor's Signature: Samuel K. Ackerman
Citizenship: United States
Residence: 175 Kings Grant Road, Weston, Massachusetts 02493
Post Office Address: Same

Inventor's Signature: June Salvesen

Date
Full Name of Inventor: June Salvesen

Date
Full Name of Inventor: June Salvesen

Inventor's Signature: Chiang Li Full Name of Inventor: Chiang Li

Citizenship: Peoples Republic of China

Residence: 61 Gardner St., West Roxbury, MA 02132

Residence: 79 Cameron Drive, Marlborough, Massachusetts 01752

Post Office Address: Same

Citizenship: United States

Post Office Address: Same

5/9/-5

Inventor's Signature: Youzhi Li

4/21/05 Date

Full Name of Inventor: Youzhi Li

Citizenship: Peoples Republic of China

Residence: 159 Bridge Street, Dedham, MA 02026

Post Office Address: Same

Signature: Xiangao Sun

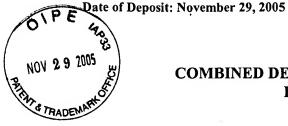
Date

Inventor's Signature: Xiangao Sun Full Name of Inventor: Xiangao Sun Citizenship: Peoples Republic of China

Residence: 20 Cameron Street, #302, Brookline, MA 02445

Post Office Address: Same

Express Mail Label No.: EV695511391US



## COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a utility patent is sought on the invention entitled:

### NOVEL LAPACHONE COMPOUNDS AND METHODS OF USE THEREOF

The specification of which was filed on March 26, 2004 with the United States Patent and Trademark Office, assigned United States Serial No. 10/810,260 and bearing Attorney Docket No. 22596-537 CON.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information, which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

Appln.	Country	Filing Date	Priority Claimed	
Number	(if PCT, so indicate)	(dd/mm/yy)	Yes	No
				· 🔲

I hereby claim the benefit under Title 35, United States Code, § 119(e) or §120 of any United States application(s), or §365(c) of any PCT International application(s) designating the United States of America listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

Application No. (U.S.S.N.)	Filing Date (mm/dd/yy)	Status (Patented, Pending, Abandoned)
60/427,283	11/18/02	Abandoned

PCT International Applications designating the United States:

PCT International Application No.	PCT Filing Date	Status
PCT/US03/37219	11/18/03	Pending

I hereby appoint the attorneys and/or agents associated with Mintz Levin Cohn Ferris Glovsky & Popeo, Customer Number 30623 to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Please address all telephone calls to <u>Ivor R. Elrifi</u> at telephone number 617/348-1747. Please address all correspondence to Customer Number 30623.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or patent issued thereon.

Inventor's Signature: Zhiwei Jiang Date

Full Name of Inventor: Zhiwei Jiang

Citizenship: United States

Residence: 1 Brian Circle, Grafton, Massachusetts 01519

Inventor's Signature: Dasharatha Reddy

Date

Full Name of Inventor: Dasharatha Reddy

Citizenship: India

Residence: 11C Railroad Street, Acton, Massachusetts 01720

Post Office Address: Same

Inventor's Signature: Samuel K. Ackerman

Full Name of Inventor: Samuel K. Ackerman

Citizenship: United States

Residence: 175 Kings Grant Road, Weston, Massachusetts 02493

Post Office Address: Same

Inventor's Signature: June Salvesen

Date

Full Name of Inventor: June Salvesen

Citizenship: United States

Residence: 79 Cameron Drive, Marlborough, Massachusetts 01752

Post Office Address: Same

Inventor's Signature: Chiang Li

Date

Full Name of Inventor: Chiang Li Citizenship: Peoples Republic of China

Residence: 61 Gardner St., West Roxbury, MA 02132

<b>Inventor's Signature:</b>	Youzhi Li	Date	

Full Name of Inventor: Youzhi Li Citizenship: Peoples Republic of China

Residence: 159 Bridge Street, Dedham, MA 02026

Post Office Address: Same

Date

Inventor's Signature: Xiangao Sun

Full Name of Inventor: Xiangao Sun Citizenship: Peoples Republic of China

Residence: 20 Cameron Street, #302, Brookline, MA 02445

Post Office Address: Same

Express Mail Label No.: EV695511391US Date of Deposit: November 29, 2005



## COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a utility patent is sought on the invention entitled:

#### NOVEL LAPACHONE COMPOUNDS AND METHODS OF USE THEREOF

The specification of which was filed on March 26, 2004 with the United States Patent and Trademark Office, assigned United States Serial No. 10/810,260 and bearing Attorney Docket No. 22596-537 CON.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information, which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

Appln.	Country	Filing Date	Priority Claimed	
Number	(if PCT, so indicate)	(dd/mm/yy)	Yes	No

I hereby claim the benefit under Title 35, United States Code, § 119(e) or §120 of any United States application(s), or §365(c) of any PCT International application(s) designating the United States of America listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

Application No. (U.S.S.N.)	Filing Date (mm/dd/yy)	Status (Patented, Pending, Abandoned)
60/427,283	11/18/02	Abandoned

PCT International Applications designating the United States:

PCT International Application No.	PCT Filing Date	Status
PCT/US03/37219	11/18/03	Pending

I hereby appoint the attorneys and/or agents associated with Mintz Levin Cohn Ferris Glovsky & Popeo, Customer Number 30623 to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Please address all telephone calls to <u>Ivor R. Elrifi</u> at telephone number 617/348-1747. Please address all correspondence to Customer Number 30623.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or patent issued thereon.

Inventor's Signature: Zhiwei Jiang Date

Full Name of Inventor: Zhiwei Jiang

Citizenship: United States

Residence: 1 Brian Circle, Grafton, Massachusetts 01519

NW 21, 2005 Inventor's Signature: Dasharatha Reddy Full Name of Inventor: Dasharatha Reddy Citizenship: India Residence: 11C Railroad Street, Acton, Massachusetts 01720 Post Office Address: Same Inventor's Signature: Samuel K. Ackerman Date Full Name of Inventor: Samuel K. Ackerman Citizenship: United States Residence: 175 Kings Grant Road, Weston, Massachusetts 02493 Post Office Address: Same Inventor's Signature: June Salvesen Date Full Name of Inventor: June Salvesen Citizenship: United States Residence: 79 Cameron Drive, Marlborough, Massachusetts 01752 Post Office Address: Same

Inventor's Signature: Chiang Li Date

Full Name of Inventor: Chiang Li

Citizenship: Peoples Republic of China

Residence: 61 Gardner St., West Roxbury, MA 02132

Inventor's Signature:	Youzhi Li	Date	

Full Name of Inventor: Youzhi Li Citizenship: Peoples Republic of China

Residence: 159 Bridge Street, Dedham, MA 02026

Post Office Address: Same

Inventor's Signature: Xiangao Sun Date

Full Name of Inventor: Xiangao Sun Citizenship: Peoples Republic of China

Residence: 20 Cameron Street, #302, Brookline, MA 02445

Post Office Address: Same

Express Mail Label No.: EV695511391US Date of Deposit: November 29, 2005



## COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a utility patent is sought on the invention entitled:

### NOVEL LAPACHONE COMPOUNDS AND METHODS OF USE THEREOF

The specification of which was filed on March 26, 2004 with the United States Patent and Trademark Office, assigned United States Serial No. 10/810,260 and bearing Attorney Docket No. 22596-537 CON.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information, which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

Appln.	Country	Filing Date	Priority Claimed	
Number	(if PCT, so indicate)	(dd/mm/yy)	Yes	No

I hereby claim the benefit under Title 35, United States Code, § 119(e) or §120 of any United States application(s), or §365(c) of any PCT International application(s) designating the United States of America listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

Application No. (U.S.S.N.)	Filing Date (mm/dd/yy)	Status (Patented, Pending, Abandoned)
60/427,283	11/18/02	Abandoned

PCT International Applications designating the United States:

PCT International Application No.	PCT Filing Date	Status
PCT/US03/37219	11/18/03	Pending

I hereby appoint the attorneys and/or agents associated with Mintz Levin Cohn Ferris Glovsky & Popeo, Customer Number 30623 to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Please address all telephone calls to Ivor R. Elrifi at telephone number 617/348-1747. Please address all correspondence to Customer Number 30623.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or patent issued thereon.

Inventor's Signature: Zhiwei Jiang Date

Full Name of Inventor: Zhiwei Jiang

Citizenship: United States

Residence: 1 Brian Circle, Grafton, Massachusetts 01519

Inventor's Signature: Dasharatha Reddy Full Name of Inventor: Dasharatha Reddy Citizenship: India Residence: 11C Railroad Street, Acton, Massachusetts 0 Post Office Address: Same	Date 1720
Inventor's Signature: Samuel K. Ackerman Full Name of Inventor: Samuel K. Ackerman Citizenship: United States Residence: 175 Kings Grant Road, Weston, Massachuset Post Office Address: Same	Date tts 02493
Inventor's Signature: June Salvesen Full Name of Inventor: June Salvesen Citizenship: United States Residence: 79-Cameron Drive, Marlborough, Massachus Post Office Address: Same	17 May 2005  Date  M8  etts 01752 210 Wher Rd  Biuffton, SC 29910
Inventor's Signature: Chiang Li Full Name of Inventor: Chiang Li Citizenship: Peoples Republic of China Residence: 61 Gardner St., West Roxbury, MA 02132 Post Office Address: Same	Date

	· · · · · · · · · · · · · · · · · · ·	<del></del>
Inventor's Signature:	Vouzhi Li	Date

Full Name of Inventor: Youzhi Li

Citizenship: Peoples Republic of China

Residence: 159 Bridge Street, Dedham, MA 02026

Post Office Address: Same

Inventor's Signature: Xiangao Sun Date

Full Name of Inventor: Xiangao Sun Citizenship: Peoples Republic of China

Residence: 20 Cameron Street, #302, Brookline, MA 02445

Post Office Address: Same

Express Mail Label No.: EV695511391US

Attorney Docket No. 22596-537 CON

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Jiang et al.

SERIAL NUMBER: 10/810,260 EXAMINER: Deborah C. Lambkin

FILING DATE: March 26, 2004 ART UNIT: 1626

FOR: NOVEL LAPACHONE COMPOUNDS AND METHODS OF USE THEREOF

Commissioner for Patents P. O. Box 1450 Alexandria, VA 22313-1450

# WRITTEN CONSENT OF ASSIGNEE TO CORRECTION OF INVENTORSHIP

Pursuant to 37 C.F.R. §1.48(a)(5), the undersigned, on behalf of ArQule Inc., the assignee of this application, hereby consents to the correction of the inventorship in the above-referenced application. The undersigned hereby states that he or she is an official empowered to act on behalf of the assignee.

Respectfully submitted,

MAME: Chiang J.VLi

TITLE: Vice President and Chief Scientific Officer

COMPANY: ArQule Inc.

Date